

Abstract of Disclosure

The present invention relates to an integrated heat exchanger for a vehicle. The heat exchanger of the present invention comprises (a) tube assemblies each of which is formed from a single sheet of metal plate and comprises a first tube formed by bending a lateral end portion of the metal plate onto a top surface of a body portion of the plate, a second tube formed by bending another end portion of the metal plate onto the top surface of the body portion, and inner fins formed in at least any one of the tubes for partitioning the interior of any one of the tubes into several compartments by bending an inner fin forming portion, integrally formed at an outermost side of the metal plate, onto the top surface of the metal plate, and (b) radiating fins installed between the tube assemblies. Further, such a heat exchanger is formed by bending both lateral ends of the single sheet of metal plate.